

Work Order ID 152628

152628

Page 1

Tuesday, November 01, 2016 1:36:47 PM

Item ID: D4022-3 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Fuel Pump Mounting Bracket
 Start Date: 11/3/2016 Start Qty: 2.00 *?
 Required Date: 11/17/2016 Req'd Qty: 2.00 *?
 Cust Item ID:
 Customer:

Reference:

Approvals: Process Plan: 21 ^{DAS} ₉₋₈₉ Date: NOV 01 2016 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4022	C								

100

0.00

100

Purchasing

Purchasing

Memo

Issue P/O: 34187
 Purchase part as per Dwg D4022
 Part #: TC 250-100
 Possible Supplier: Weldon
 Material release note required

0.00

2 NOV 04 2016 ^{DAS} ₁₃ ₉₋₈₉

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Packaging

Memo

0.01

2x SP17-01-11

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																										
Description Work Order Deviation				Disposition				Completed By																																																									
								Lead hand / Supervisor Approval Verification																																																									
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Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Work Order ID 152628***152628***

Page 2

Tuesday, November 01, 2016 1:36:48 PM

Item ID: D4022-3

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Fuel Pump Mounting Bracket

Start Date: 11/3/2016 Start Qty: 2.00

2

Cust Item ID:

Required Date: 11/17/2016 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120

QC6- Inspect dimensions to drawing

0.00

120

QC

Memo

0.00

Quality Control

2

DAS
38
9-89
JAN 12 2017

130

Identify as per dwg & Stock Location:

0.00

130

Packaging

Memo

0.00

Packaging

2x

JAN 13 2017

DAS
26
9-89

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.03

Quality Control

DAS
21
9-89

JAN 16 2017

JAN 13 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Misidentified ☐	Past Due ☐																																																																

Picklist Print

Tuesday, November 01, 2016 1:36:51 PM

Page 1

Work Order ID: 152628

152628

Parent Item: D4022-3

D4022-3

Parent Item Name: Fuel Pump Mounting Bracket

Start Date: 11/3/2016

Required Date: 11/17/2016

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP rev A 09.12.23 new Issue Prelim EC verified by: DD IPP Rev:B
10.05.17 as per ECN10-562 DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
TC 250-100		Purchased	No			110	Each	0.0000	1	2			
TC 250-100									**				
Fuel Pump													

2x Sp17-01-11.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

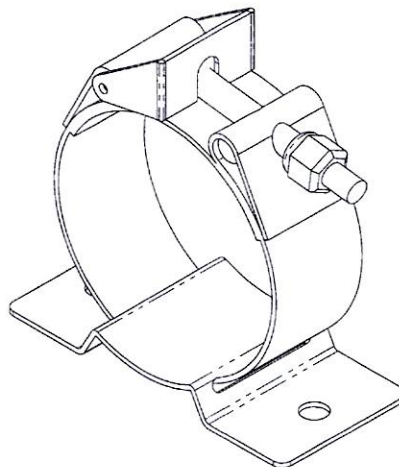
DART AEROSPACE
PART NUMBER

D4022-3

JOHN CAMERON AVIATION
PART NUMBER

REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 152628 MJ
16-11-01

DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	MATERIAL	FITS MOTOR SIZE (ϕ)
D4022-3	WELDON	TC 250-100	STAINLESS STEEL	2.5
	AIRCRAFT SPRUCE AND SPECIALTY	05-00021	STAINLESS STEEL	2.5
	AEROSPARES ACCESSORIES	TC 250-100	STAINLESS STEEL	2.5



D4022-X FUEL PUMP MOUNTING BRACKET

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A

DESIGN	BE	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	BC		
CHECKED	BE	DRAWING NO. D4022	REV. C
MFG. APPR.			SHEET 3 OF 4
APPROVED	MP	TITLE FUEL PUMP	SCALE NTS
DE APPR.	JM		
DATE	12.02.09	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO34187

Purchase Order Date 11/4/2016
PO Print Date 11/4/2016

Page Number 1 of 2

Order From :

VU-AER004

Ship To : DART AEROSPACE LTD

AEROSPARES ACCESSORIES INC
20544 CONCESSION # 9,
RR #2
ALEXANDRIA, ON K0C 1A0
CANADA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

NOV 04 2016

Contact Name

Vendor Phone 800 355 2157

Ship To Contact

Ship To Phone

Ship Via: FedEx Economy collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	A8150-B1 AS PER DWG D4022 REV. C B152600	Fuel Pump	11/14/2016 Yes 11/14/2016		2.00 Each	\$1,102.00	\$2,204.00
						Line Total:	\$2,204.00
2	TC 250-100 AS PER DWG D4022 REV. C B152628	Fuel Pump	11/14/2016 Yes 11/14/2016		2.00 Each	\$36.40	\$72.80
						Line Total:	\$72.80

DAS
38
9-89

SP7-011

Note:

11/4/2016

AEROSPARES ACCESSORIES INC.

20544 CON #9 ,R.R. #2
ALEXANDRIA, ONT. K0C-1A0
TEL 613-525-0924 FAX 613-525-0925

Invoice

Date Invoice #
2017-01-10 241644

Invoice To

DART AEROSPACE LTD.
1270 ABERDEEN STREET
HAWKESBURY, ON
K6A-1K7

Ship To

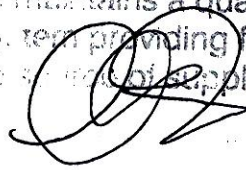
DART AEROSPACE LTD.
1270 ABERDEEN STREET
HAWKESBURY, ON
K6A-1K7

P.O. No.	Terms	Rep	Ship	Via	F.O.B.	Project
34187	Net 30	USD	2017-01-10	FEDEX COL...	ALEXANDRIA	

Item	Description	BATCH #	SERIAL #	Quantity	Price Each	Amount
A8150-B1(25...	A8150-B1 FUEL BOOST PUMP NEW outright sale	P.O. 5009	185957/185958	2	1,102.00	2,204.00
TC250-100 F/C	CLAMP (2.50 DIA) TC250-100 new SHIPPING & HANDLING Fedex collect with P.O. 34096	Lot42828 w.b. 810174413730	n/a	2	36.40 0.00	72.80 0.00

8817-01-11

The parts supplied herein were acquired directly from the O.E.M., or an approved supplier/repair station which maintains a quality assurance system providing full traceability to source of supply.

Signature: 

Sales Tax Summary

GST (3) On Sales@13.0%	295.98
Total Tax	295.98

DAS
38
3-89

Thank you for your business.

Total \$2,572.78

GST/HST No. 881274476